



General Program

Tutorial Courses

EDIFICIO DE AULAS Y RELACIÓN CON EL MEDIO EXTERNO (EARME)

AV. TOLEDO N23-55 AND MADRID STREET

FIFTH FLOOR

AUDITORIUM 2

Campus J. Rubén Orellana

Escuela Politécnica Nacional

Time	Tuesday September 19, 2017	Speakers
07:00-08:00	Registration	
08:00-11:30	State Estimation in Smart Grids	Antonio Gomez-Exposito, Univ. Sevilla, Spain
11:30-12:00	Break 1: Conference Room (close to Auditorium 2)	
12:00-15:30	Microgrids	Rodrigo Palma, Univ. Chile, Santiago Claudio Cañizares, Univ. Waterloo, Canada
15:30-16:00	Break 2: Conference Room (close to Auditorium 2)	
16:00-19:30	Smart Grid Simulations	Federico Milano, Univ. College Dublin, Ireland Jaime Cepeda, CENACE, Ecuador

“Opportunities and Challenges of the Power Industry towards Management Systems Integration”



General Program

Time	Wednesday September 20, 2017	Speakers
07:00-08:00	Registration	
08:00-08:40	Inauguration event and speeches	-Damir Novosel, Quanta Tech. PES President, US - Medardo Cadena, Minister of Electricity and Renewable Energy, Ecuador
08:40-09:40	<i>Keynote "Design, Planning and Operation of Grid of the Future and its elements"</i>	Shay Bahramirad, ComEd and PES Exec. Committee member, US
09:40-10:00	Coffee break	
10:00-12:00	4 parallel paper sessions with 5 papers, 20 min. each one	
12:00-13:30	Lunch	
13:30-15:30	<i>Panel "Smart Grid Recent Advancements and Applications"</i> presentations (15 min) and discussion (45 min), 5 experts from academy and industry	<u>Chair:</u> -Claudio Cañizares, Univ. Waterloo and 2017 ISGT LA Tech. Chair, Canada <u>Panelists:</u> -Antonio Gomez-Exposito, Univ. Seville, Spain -Federico Milano, Univ. College Dublin, Ireland -Rodrigo Palma, Univ. Chile-Santiago -Claudio Cañizares, Univ. Waterloo and 2017 ISGT LA Tech. Chair, Canada -Diego Morales, Ministry of Electricity, Ecuador
15:30-16:00	Coffee break	
16:00-17:35	4 parallel paper sessions with 4 papers, 20 min. each one (*) Paralleling, a Workshop related to IEEE PES AWARDS will take place in the Room "Biblioteca"	
19:00-21:00	Welcome Cocktail (Hotel JW Marriot)	

"Opportunities and Challenges of the Power Industry towards Management Systems Integration"



General Program

Time	Thursday September 21, 2017	Speakers
08:00-08:30	Registration	
08:30-09:30	Keynote "How Smart Is Your Smart Grid?"	Jonathan Sykes, PG&E, US
09:30-10:00	Coffee break	
10:00-12:00	4 parallel paper sessions with 5 papers, 20 min. each one	
12:00-13:30	Lunch	
13:30-15:30	<p>Panel "Integration of SCADA/Energy Management Systems and Synchrophasor Management Systems (WAMPAC) at Energy Control Centers"</p> <p>presentations (15 min) and discussion (30 min), 5 experts from various regional operators and industry</p>	<p>Chair:</p> <p>-Damir Novosel, Quanta Tech. and PES President, US</p> <p>Panelists:</p> <p>-Jaime Cepeda, CENACE, Ecuador -Alfredo Olachea, CENACE, Mexico -Jorge Vargas, Coordinador Electrico Nacional, Chile -Hernan Sanchez, XM, Colombia -Bojan Mahkovec, Elpros, Slovenia</p>
15:30-16:00	Coffee break	
16:00-17:35	4 parallel paper sessions with 4 papers, 20 min. each one (*) Paralleling, a Workshop related to IEEE PES WiP (Women in Power) will take place in the Room "Biblioteca"	
19:00-22:00	Gala Dinner	

"Opportunities and Challenges of the Power Industry towards Management Systems Integration"



General Program

Time	Friday Sept. 22, 2017	Speakers
08:00-08:30	Registration	
08:30-09:30	Keynote "Implementing The ENERNET: The Latin America Use Case"	Renato Cespedes, RConsulting Group, Colombia
09:30-10:00	Coffee break	
10:00-11:35	4 parallel paper sessions with 4 papers, 20 min. each one	
12:00-13:30	Lunch	
13:30-15:30	Panel "International best practices for the integration of transmission and distribution systems" presentations (15 min) and discussion (30 min), 6 experts from industry	<p>Chair: -Gabriel Arguello, CENACE and 2017 ISGT LA General Chair, Ecuador</p> <p>Panelists: -Jonathan Sykes, PG&E, US -Bruno Meyer, RTE and PES Exec. Committee member, France -Bob Cummings / Hugo Perez, NERC, US -Wilson Mejia, TRANSELECTRIC, Ecuador -Heriberto Idrovo, CENTROSUR, Ecuador -Patricio Erazo, Ministry of Electricity, Ecuador</p>
15:30-16:00	Closing Ceremony (Hotel JW Marriot)	

"Opportunities and Challenges of the Power Industry towards Management Systems Integration"



General Program

Time	Saturday Sept. 23, 2017
08:00-16:00	<p style="text-align: center;">Technical visits:</p> <p>Option 1: Generation Visit to Hydroelectric Power Plant Coca Codo Sinclair, located at the entry to the Ecuadorian Amazon Region. This power plant is the most important generation source in Ecuador with an installed capacity of 1500 MW. In addition, this visit option is an opportunity to appreciate part of the exotic nature of the Ecuadorian Amazon Region.</p> <p>Option 2: Transmission and Distribution Visit to the National Control Center of Generation and Transmission (Independent System Operator – CENACE) and to the National Control Center of Distribution. In this regard, it should be mentioned that in the last four years Ecuador has implemented state-of-the-art technology for the intelligent monitoring and control of both transmission and distribution systems, such as: a Wide Area Monitoring System (WAMS), a Special Protection Scheme for ensuring the system integrity (SPS), and a whole set of sophisticated hardware and software that makes up an Integrated Distribution Management System (SIGDE), which will be noticed during the visit.</p> <p>Note: Please contact the <i>ISGT-LA 2017 information desk</i> in order to book your place for the technical visits.</p>